

TELEGRAPHIC MESSAGE

NAME OF AGENCY DOT/FAA AVIATION SYSTEM STANDARDS FLIGHT INSPECTION POLICY & STANDARDS BRANCH OKLAHOMA CITY, OK	PRECEDENCE ACTION: ROUTINE INFO:	SECURITY CLASSIFICATION UNCLAS
ACCOUNTING CLASSIFICATION	DATE PREPARED 2/20/98	FILE
FOR INFORMATION CALL		
NAME PEGGY J. BURCH, AVN-230	PHONE NUMBER 405-954-6149	TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS
<i>THIS SPACE FOR USE OF COMMUNICATION UNIT</i>		
MESSAGE TO BE TRANSMITTED <i>(Use double spacing and all capital letters)</i>		
TO: NOUS2 KRWA_____ GENOT RWA_____ MANAGERS ALL FLIGHT INSECTION OFFICES, FLIGHT OPERATIONS BRANCHES, AND INTERNATIONAL FLIGHT INSPECTION OFFICE; INFO AFS-1/400/420; AOS-1/200/500; ALL REGIONAL AIRWAY FACILITIES DIVISIONS; AMA-200; AVN-21/200/210/ 230/260/280 NOTICE 8240.33 SUBJECT/CHANGE IN ORDER 8240.47B, DETERMINATION OF INSTRUMENT LANDING SYSTEM (ILS) GLIDEPATH ANGLE, REFERENCE DATUM HEIGHTS (RDH) AND GROUND POINT OF INTERCEPT (GPI) CNCL FEBRUARY 1999		
		SECURITY CLASSIFICATION
PAGE NO. 1	NO. OF PGS. 12	UNCLAS

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 2 OF 12 THIS GENOT CANCELS NOTICE 8240.32 DATED 12/2/97. RECENTLY A TECHNICAL MEETING WAS HELD AT OHIO UNIVERSITY WITH THE OBJECTIVE OF REVIEWING OUR PAST AND PRESENT APPLICATION OF ORDER 8240.47 (ALL VERSIONS) AND COMING TO A CONSENSUS ABOUT THE PROPER AND MOST EXPEDITIOUS METHOD FOR APPLYING AND OBTAINING THE GOALS OF THE ORDER. THE MEETING INCLUDED REPRESENTATIVES FROM AVN, ANI, AFS, AOS, HQ AFFSA, PARKER GULL, SIERRA RESEARCH, AND OHIO UNIVERSITY. IT WAS DETERMINED THAT THE METHOD USED IN ORDER 8240.47B DID NOT PROVIDE THE BEST SOLUTION FOR OUR GOALS.					
				SECURITY CLASSIFICATION	
		PAGE NO.	NO. OF PGS.		
		2	12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY	PRECEDENCE ACTION: INFO:	SECURITY CLASSIFICATION
ACCOUNTING CLASSIFICATION	DATE PREPARED	FILE
FOR INFORMATION CALL		
NAME	PHONE NUMBER	TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS
THIS SPACE FOR USE OF COMMUNICATION UNIT		
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)		
TO: PART 3 OF 12 ORDER 8240.47B, UNTIL THE AGREED UPON SOLUTION, WHICH INCLUDES AFIS SOFTWARE CHANGES, IS ACCOMPLISHED. FOLLOWING THE AFIS SOFTWARE CHANGES, A TEST PROGRAM WILL BE CONDUCTED AND EVALUATIONS COMPLETED PRIOR TO RELEASE TO THE FIELD. THIS GENOT PROVIDES CHANGES TO ORDER 8240.47B THAT SHALL BE FOLLOWED UNTIL THE NEW GUIDANCE IS VERIFIED AND ISSUED. FACILITIES COMMISSIONED USING THE PRESENT ORDER 8240.47B SHALL NOT REQUIRE A REEVALUATION FLIGHT CHECK.		
		SECURITY CLASSIFICATION
PAGE NO.	NO. OF PGS.	
3	12	

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 4 OF 12 MAKE THE FOLLOWING CHANGES TO ORDER 8240.47B: PARAGRAPH 5. EXPLANATION OF CHANGES. REPLACE WITH THE FOLLOWING: a. PARAGRAPH 7d: ADDS REQUIREMENT FOR SITE IMPROVEMENTS RESULTING IN ELEVATION CHANGES. b. PARAGRAPH 7e: REDEFINES APPLICATION FOR CATEGORY I FACILITIES. c. PARAGRAPH 7f: CLARIFIES END FIRE GLIDE SLOPE APPLICATION.					
		PAGE NO. 4	NO. OF PGS. 12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 5 OF 12 d. PARAGRAPH 7g. ADDS GUIDANCE FOLLOWING A MARK 20 GLIDE SLOPE CONVERSION. e. PARAGRAPH 9d: DEFINES SKEW AND ADDS FIGURE 1. f. PARAGRAPH 11a: CLARIFIES CATEGORY I WHEEL CROSSING HEIGHT REQUIREMENTS. g. PARAGRAPH 11b: CLARIFIES CATEGORY II AND III RDH REQUIREMENTS. PARAGRAPH 6. DEFINITIONS. REPLACE PARAGRAPHS 6c, d, AND					
		PAGE NO. 5	NO. OF PGS. 12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 6 OF 12 c. ACHIEVED ILS REFERENCE DATUM HEIGHT (ARDH). THE HEIGHT THAT THE "CLOSE IN" GLIDEPATH SEGMENT CROSSES THE RUNWAY THRESHOLD. IT IS DERIVED BY COMPUTING THE BFSL GLIDEPATH BETWEEN 6,000 FEET AND POINT "C" AND PROJECTING THE DOWNWARD EXTENSION TO THE THRESHOLD. d. GLIDE SLOPE ORIGINATION POINT. PRIOR TO THE APPLICATION OF THIS ORDER, IT IS A CALCULATED POINT, GENERALLY AT THE CENTER OR BASE OF THE GLIDE SLOPE ANTENNA ARRAY, WHICH HAS BEEN DEFINED BY ENGINEERING TO BE THE POINT OF THEORETICAL SIGNAL EMANATION. AFTER THE APPLICATION OF THIS ORDER, THIS POINT IS REDEFINED AND					
				SECURITY CLASSIFICATION	
		PAGE NO.	NO. OF PGS.		
		6	12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 7 OF 12 BECOMES THE AIMING POINT LATITUDE, LONGITUDE, AND ELEVATION (AFIS GLIDE SLOPE HEIGHT). e. AIMING POINT. A LOCATION WHICH IS PROGRAMMED INTO THE AUTOMATED FLIGHT INSPECTION SYSTEM (AFIS) FROM WHICH GLIDEPATH MEASUREMENT RESULTS ARE REFERENCED. THE AIMING POINT NEED NOT BE COINCIDENT WITH THE GLIDE SLOPE ORIGINATION POINT. FOR APPLICATION OF THIS ORDER USING AFIS, THE AIMING POINT SHALL BE THE GLIDE SLOPE LATITUDE (GLA) AND LONGITUDE (GLO) COORDINATES WHICH COINCIDE WITH THE POINT ON THE COMMISSIONED LOCALIZER COURSE WHICH IS ABEAM THE GLIDE SLOPE ORIGINATION POINT.					
				SECURITY CLASSIFICATION	
		PAGE NO.	NO. OF PGS.		
		7	12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PAGE 8 OF 12 PARAGRAPH 7. APPLICATION. ADD THE FOLLOWING SENTENCES TO THE END OF THE FIRST PARAGRAPH: PARAGRAPH 7g PROVIDES ADDITIONAL GUIDANCE FOR DETERMINING IF THE APPLICATION OF THIS ORDER SHALL BE REQUIRED ON A MARK 20 GLIDE SLOPE CONVERSION. WHEN APPLYING THE PROVISIONS OF THIS ORDER, USE THE AFIS PROGRAM FOR CALCULATING GLIDEPATH ANGLE, RDH, AND GPI. PARAGRAPH 7e(2). DELETE THE LAST TWO SENTENCES OF THE PARAGRAPH.					
		PAGE NO. 8	NO. OF PGS. 12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 9 OF 12 ADD PARAGRAPH 7g: g. GUIDELINES FOLLOWING A MARK 20 GLIDE SLOPE CONVERSION. IF THE FOLLOWING REQUIREMENTS ARE MET, THE APPLICATION OF THIS ORDER IS NOT REQUIRED. (1) FACILITY IS CURRENTLY CLASSED AS A CATEGORY II/III GLIDE SLOPE. (2) PRIOR TO THE CONVERSION, THE RDH WAS SATISFACTORY BY APPLICATION OF ORDER 8240.47 OR ORDER 8240.47A.					
		PAGE NO. 9	NO. OF PGS. 12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 10 OF 12 (3) NO CHANGE IN GLIDE SLOPE RADIATION CHARACTERISTICS SUCH AS A NULL REFERENCE TO A CAPTURE EFFECT, ETC. (4) ALL REQUIREMENTS OF ORDER 8200.1A, UNITED STATES STANDARD FLIGHT INSPECTION MANUAL, ARE COMPLETED SATISFACTORY. (5) THE FACILITY WAS NOT RELOCATED. PARAGRAPH 9a. PROGRAMMING THE AFIS. DELETE THE FIRST SENTENCE IN THE PARAGRAPH AND REPLACE WITH THE FOLLOWING -----					
		PAGE NO. 10	NO. OF PGS. 12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 11 OF 12 PROGRAM THE AIMING POINT GLIDE SLOPE LATITUDE (GLA) AND LONGITUDE (GLO) COORDINATES TO COINCIDE WITH THE POINT ON THE COMMISSIONED LOCALIZER COURSE WHICH IS ABEAM THE GLIDE SLOPE ORIGINATION POINT. PROGRAM THE GS-OFF TO "1L." PARAGRAPH 11a. CAT I. DELETE THE LAST SENTENCE OF THE PARAGRAPH AND REPLACE WITH THE FOLLOWING SENTENCE: DEVIATIONS FROM THE HEIGHT LIMITS SHALL BE REVIEWED BY THE NATIONAL FLIGHT PROCEDURES OFFICE, AVN-100, AND APPROVED BY THE TECHNICAL PROGRAMS DIVISION, AFS-400.					
		PAGE NO. 11	NO. OF PGS. 12		

TELEGRAPHIC MESSAGE

NAME OF AGENCY		PRECEDENCE ACTION: INFO:		SECURITY CLASSIFICATION	
ACCOUNTING CLASSIFICATION		DATE PREPARED		FILE	
FOR INFORMATION CALL					
NAME		PHONE NUMBER		TYPE OF MESSAGE <input type="checkbox"/> SINGLE <input type="checkbox"/> BOOK <input type="checkbox"/> MULTIPLE ADDRESS	
THIS SPACE FOR USE OF COMMUNICATION UNIT					
MESSAGE TO BE TRANSMITTED (Use double spacing and all capital letters)					
TO: PART 12 OF 12 PARAGRAPH 11b. CAT II AND III. DELETE THE LAST SENTENCE OF THE PARAGRAPH AND REPLACE WITH THE FOLLOWING: DEVIATIONS FROM THESE STANDARDS SHALL BE REVIEWED BY THE NATIONAL FLIGHT PROCEDURES OFFICE, AVN-100, AND APPROVED BY THE TECHNICAL PROGRAMS DIVISION, AFS-400. WILLIAM H. WILLIAMS, JR. PROGRAM DIRECTOR OF AVIATION SYSTEMS STANDARDS, AVN-1 cc: AVN-1/200/230 AVN-230 Official file AVN-230.9:PBurch:dh:x44526:2/20/98					
				SECURITY CLASSIFICATION	
		PAGE NO.	NO. OF PGS.		
		12	12		

